



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

January 10, 1990

MEMORANDUM

SUBJECT: Review of The Utah County PM-10 Draft SIP

FROM: Joseph A. Tikvart, Chief *J. Tikvart*
Source Receptor Analysis Branch, TSD (MD-14)

TO: Lee Hanley, Utah County PM-10 SIP Coordinator
Region VIII (8AT-AP)

As per your request to Dean Wilson, the Model Clearinghouse has reviewed the source apportionment section in the Utah County PM-10 draft SIP. The State of Utah has used two independent techniques which include the Microinventory and Chemical Mass Balance (CMB) methods to attribute source contributions to the majority of the monitored PM-10 violations in the Utah County. Use of these methods in the draft Utah SIP obviously reflects a major effort by the State. Our only comment is in regard to the CMB analyses. We note that values reported in the summary sheets for calculated PM-10 and total percent mass differ from those reported in the CMB output tables (i.e., CMBOUT) for Lindon, North Provo and West Orem sites. While both sets of numbers appear reasonable, a single consistent set should be selected.

If you have any questions, please contact Quang Nguyen (FTS 629-0832) or Dean Wilson (FTS 629-5683) of my staff.

cc: E. Meyer
T. Pace
D. Wells
D. Wilson

FY 90 MODEL CLEARINGHOUSE MEMORANDA

<u>Date</u>	<u>Region</u>	<u>Subject</u>
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11/28/89	VIII	Utah PM-10 Secondary Sulfate and Nitrate Calculations
01/02/90	IV	Effect of Changing Stack Heights on Prevention of Significant Deterioration (PSD) Modeling and Monitoring
01/10/90	VIII	Utah PM-10, Secondary Sulfate and Projections
01/10/90	VIII	Review of The Utah County PM-10 Draft SIP